

SEQUENCE LISTING

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Jan Tavernier
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<120> Reversed mammalian protein-protein interaction trap

<130> 2676-6264US

<140> To be assigned
<141> 2004-01-02

<150> EP01202569.8
<151> 2001-07-03

<160> 35

<170> PatentIn Ver. 2.1

<210> 1
<211> 41
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: forward
primer; MBU-O-157; Y985F mutagenesis in mLepR

<400> 1

gagacaaccc tcagttaaat ttgcaactct ggtcagcaac g

41

<210> 2
<211> 41
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: reverse
primer; MBU-O-158; Y985F mutagenesis in mLepR

<400> 2

cgttgctgac cagagttgca aatttaactg agggttgtct c

41

<210> 3
<211> 41
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: forward primer; MBU-O-159; Y1077F mutagenesis in mLepR

<400> 3
gggagaagtc tgtctgttt ctaggggtca cctccgtcaa c 41

<210> 4
<211> 41
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer; MBU-O-160; Y1077F mutagenesis in mLepR

<400> 4
gttgacggag gtgacccta gaaaacagac agacttctcc c 41

<210> 5
<211> 43
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: forward primer; MBU-O-161; Y1138F mutagenesis in mLepR

<400> 5
ctggtagaa ctgttaccc tttatcccc aatttcaaac ctg 43

<210> 6
<211> 43
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer; MBU-O-162; Y1138F mutagenesis in mLepR

<400> 6
caggttgaa attggggcat aaaaggtaca aagttctcac cag 43

<210> 7
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: forward primer; MBU-O-302; mSOCS3 primer

<400> 7
gaagatctgt gcgccatggc cacccacagc aagtt 35

<210> 8
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer; MBU-O-303; mSOCS3 primer

<400> 8
gctcttagatt ttgctcctta aagtggagca tcata 35

<210> 9
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer; MBU-O-443; hgp 130 primer

<400> 9
gcgaattccg aaccgccttg aggcatgtag ccgcc 35

<210> 10
<211> 32
<212> DNA
<213> Artificial Sequence

<220>		
<223> Description of Artificial Sequence: forward primer; MBU-O-445; SV40 Large T primer		
<400> 10		
cgcaattcga agcagaggaa actaaacaag tg		32
<210> 11		
<211> 55		
<212> DNA		
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<223> Description of Artificial Sequence: reverse primer; MBU-O--446; SV40 Large T primer		
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cgtctagagc ggccgcagat ctcgagtcgc gattatgttt caggttcagg gggag		55
<210> 12		
<211> 31		
<212> DNA		
<213> Artificial Sequence		
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<223> Description of Artificial Sequence: forward primer; MBU-O-447; mLepR primer		
<400> 12		
gcttaattaa cgggctgtat gtcattgtac c		31
<210> 13		
<211> 63		
<212> DNA		
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<223> Description of Artificial Sequence: reverse primer; MBU-O-448; mLepR primer		
<400> 13		
cgtctagatt agcggccgct tactagttag ctcgtcgacc cacccacagt taagtcacac atc		60 63

<210> 14
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: forward primer; MBU-O-586; hgp 130 primer

<400> 14
gacgggccccg ccaccatgga ttacaaggat gacgacgata agatctcgac cgtggtacac 60
agtggc 66

<210> 15
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: forward primer; MBU-O-675; hEpoR intr. fragment primer

<400> 15
ggcgagctcg gtgctggaca aatggttgc 29

<210> 16
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer; MBU-O-676; hEpoR intr. fragment primer

<400> 16
cgctctagat tacttaggt ggggtgggt ag 32

<210> 17
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: forward primer; MBU-O-677; mCIS primer

<400> 17
gcggaattcg tcctctgcgt acaggagtc 29

<210> 18
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer; MBU-O-678; mCIS primer

<400> 18
gcctcttagat cagagttgga aggggtactg 30

<210> 19
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: forward primer; MBU-O-837; mSOCS3 primer

<400> 19
gcgagatctc agaattcgtc acccacagca agtttcc 37

<210> 20
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer; MBU-O-1001; mutagenesis BspEI CIS

<400> 20
ctcctacatt cgggaatccg gatggtaactg gggttc 36

<210> 21
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer;
MBU-O-1002; mutagenesis BSpEI CIS

<400> 21
gaaccccaagt accatccgga ttcccgaaagg taggag

36

<210> 22
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer;
MBU-O-1003; mutagenesis XhoI CIS

<400> 22
cagcccttg tgcgccgctc gagtgccgc agcttac

37

<210> 23
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer;
MBU-O-1004; mutagenesis XhoI CIS

<400> 23
gtaagctgcg ggcactcgag cggcgaccaa agggctg

37

<210> 24
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer;
MBU-O-1005; mutagenesis BspEI SOCS3

<400> 24
cgcaagctgc aggagtccgg attctactgg agtgcc

36

<210> 25
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer;
MBU-O-1006; mutagenesis BspEI SOCS3

<400> 25
ggcactccag tagaatccgg actcctgcag cttgcg 36

<210> 26
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer;
MBU-O-1007; mutagenesis XhoI SOCS3

<400> 26
gagccgacct ctctcgagca acgtggctac cctc 34

<210> 27
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer;
MBU-O-1008; mutagenesis XhoI SOCS3

<400> 27
gagggttagcc acgttgctcg agagaggtcg gctc 34

<210> 28
<211> 38
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: MBU-O-1250,
forward primer FKBP12 full size

<400> 28
gcgagatctc tgaattcgga gtgcagggtgg aaaccatc 38

<210> 29
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: MBU-O-1251,
reverse primer FKBP12 full size

<400> 29
cgctctagat tatgcggccg cttccagttt tagaagctcc 40

<210> 30
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: MBU-O-1261,
forward primer ALK4 cytoplasmic domain

<400> 30
gcgagagctc aaactatcac cagcgtgtc 29

<210> 31
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: MBU-O-1262,
reverse primer ALK4 cytoplasmic domain

<400> 31
cgctgcggcc gcttaaatct tcacatcttc ctgc 34

<210> 32
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: MBU-O--1465,
forward primer PTP-1B phosphatase domain

<400> 32
gcgggatcct tatggagatg gaaaaggag

29

<210> 33
<211> 57
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: MBU-O-1466,
reverse primer PTP-1B phosphatase domain

<400> 33
cgctgaattc acttccacca gacccaccag agcctccctc gtgggaaagc tccttcc

57

<210> 34
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: flag-tag sequence

<400> 34
Met Asp Tyr Lys Asp Asp Asp Lys Ile
5 10

<210> 35
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: FLAG tag sequence

<400> 35
Met Asp Tyr Lys Asp Asp Asp Asp Lys
5